

**Notice of Non-Compliant  
Amendment (37 CFR 1.121)**

Application No.

10/716,064

Examiner

Stephenson

Applicant(s)

Art Unit

3672

— The MAILING DATE of this communication appears on the cover sheet with the correspondence address —

The amendment document filed on 02 August 2006 is considered non-compliant because it has failed to meet the requirements of 37 CFR 1.121 or 1.4. In order for the amendment document to be compliant, correction of the following item(s) is required.

THE FOLLOWING MARKED (X) ITEM(S) CAUSE THE AMENDMENT DOCUMENT TO BE NON-COMPLIANT:

- ☒ 1. Amendments to the specification:
- ☐ A. Amended paragraph(s) do not include markings.
  - ☐ B. New paragraph(s) should not be underlined.
  - ☒ C. Other Please provide a 'marked-up' copy of the substitute specification.
- ☐ 2. Abstract:
- ☐ A. Not presented on a separate sheet. 37 CFR 1.72.
  - ☐ B. Other \_\_\_\_\_.
- ☒ 3. Amendments to the drawings:
- ☒ A. The drawings are not properly identified in the top margin as "Replacement Sheet," "New Sheet," or "Annotated Sheet" as required by 37 CFR 1.121(d).
  - ☐ B. The practice of submitting proposed drawing correction has been eliminated. Replacement drawings showing amended figures, without markings, in compliance with 37 CFR 1.84 are required.
  - ☐ C. Other \_\_\_\_\_.
- ☒ 4. Amendments to the claims: All claims numbered below 90 are withdrawn
- ☒ A. A complete listing of all of the claims is not present. Remaining claims are 91 to 110
  - ☐ B. The listing of claims does not include the text of all pending claims (including withdrawn claims)
  - ☒ C. Each claim has not been provided with the proper status identifier, and as such, the individual status of each claim cannot be identified. Note: the status of every claim must be indicated after its claim number by using one of the following status identifiers: (Original), (Currently amended), (Canceled), (~~\_\_\_\_\_~~), (New), (~~\_\_\_\_\_~~) and (~~\_\_\_\_\_~~).
  - ☐ D. The claims of this amendment paper have not been presented in ascending numerical order.
  - ☐ E. Other: \_\_\_\_\_.
- ☐ 5. Other (e.g., the amendment is unsigned or not signed in accordance with 37 CFR 1.4): \_\_\_\_\_

For further explanation of the amendment format required by 37 CFR 1.121, see MPEP § 714.

**TIME PERIODS FOR FILING A REPLY TO THIS NOTICE:**

1. Applicant is given **no new time period** if the non-compliant amendment is an after-final amendment, an amendment filed after allowance, or a drawing submission (only). If applicant wishes to resubmit the non-compliant after-final amendment with corrections, the **entire corrected amendment** must be resubmitted.
2. Applicant is given **one month**, or thirty (30) days, whichever is longer, from the mail date of this notice to supply the correction, if the non-compliant amendment is one of the following: a preliminary amendment, a non-final amendment (including a submission for a request for continued examination (RCE) under 37 CFR 1.114), a supplemental amendment filed within a suspension period under 37 CFR 1.103(a) or (c), and an amendment filed in response to a *Quayle* action. If any of above boxes 1. to 4. are checked, the correction required is only the **corrected section** of the non-compliant amendment in compliance with 37 CFR 1.121.

**Extensions of time** are available under 37 CFR 1.136(a) only if the non-compliant amendment is a non-final amendment or an amendment filed in response to a *Quayle* action.

**Failure to timely respond** to this notice will result in:

**Abandonment** of the application if the non-compliant amendment is a non-final amendment or an amendment filed in response to a *Quayle* action; or

**Non-entry** of the amendment if the non-compliant amendment is a preliminary amendment or supplemental amendment.

Eric Dantzler

Legal Instruments Examiner (LIE), if applicable

571-272-6586

Telephone No.

U.S. Patent and Trademark Office

Part of Paper No.

DOWNHOLE FLOW CONTROL APPARATUS, SUPER-INSULATED TUBULARS AND  
SURFACE TOOLS FOR PRODUCING HEAVY OIL BY STEAM INJECTION METHODS  
FROM MULTI-LATERAL WELLS LOCATED IN COLD ENVIRONMENTS

- US NON-PROVISIONAL UTILITY PATENT APPLICATION No.10/716,064
- FILING DATE: 11/17/2003
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REFERENCES CITED:

- US Patent Documents:

- (1) 5,085,275 by Michel Gondouin, iss. 02/04/92, FIG.2, 3, 5, 6;
- (2) 5,052,482 by Michel Gondouin, iss. 10/01/01, FIG.12 c,d, 13 a,b;
- (3) 6,065,209 by Michel Gondouin, iss. 05/23/00, FIG.1 a,b, 2, 3, 4;
- (4) 5,462,120 by Michel Gondouin, re-issued US RE 37,867 E 10/08/02,  
see: FIG.3 a, 4, 4 b,c,d, 9, 10.

- Other Publications:

- (5) SPE 21779, 1991- Resource Description and Development Potential of the Ugnu Reservoir, R.J. Hallam, E.J. Piekenbrock, et al. (ARCO & BP);
- (6) SPE 18811, 1989- Evaluation of Dual injection Methods for Multiple Zone Steamflooding, M.A. Hight, C.L. Redus, J.K. Lehrmann (TEXACO).

TABLE 1

## VALVES POSITIONS OF FLOW CONTROL APPARATUS DURING VARIOUS PERIODS

Apparatus: Valves:				Position during Periods:		
Part	FIG.	Number	Type	Steam Injection	Steam Soak	Oil Production
3	2a	(53)	On-off	Closed	Closed	Open
3	3	(32a)	Gas-lift/ Float	Closed	Closed	Open
3	3	(45)	3-way	Axis Closed Side Open	Axis Open/ Side Closed	Axis Open/ Side Closed
3	3	(31a)	Gas-lift/ Float	Closed	Opening	Open
2	2	(31)	Gas-lift/ Float	Closed	Open	Open
1	2	(32)	Gas-lift	Closed	Open	Open